

| Ref # | Hits   | Search Query  | DBs                      | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|--------------------------|------------------|---------|------------------|
| L1    | 314330 | (AC or (alternating adj2 current\$1) adj5 interconnection\$1)   | USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2004/11/12 17:19 |
| L2    | 152    | (AC or (alternating adj2 current\$1)) adj5 interconnection\$1   | USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2004/11/12 17:20 |
| L3    | 478    | (AC or (alternating adj2 current\$1)) near10 interconnection\$1   | USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2004/11/12 17:20 |
| L4    | 2      | ((AC or (alternating adj2 current\$1)) near10 interconnection\$1) and (JTAG or "1149.1" or (boundary adj2 scan adj2 test\$4) or BSC)  | USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2004/11/12 17:22 |
| L5    | 12     | ((AC or (alternating adj2 current\$1)) near10 connection\$1) and (JTAG or "1149.1" or (boundary adj2 scan adj2 test\$4) or BSC)   | USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2004/11/12 17:22 |
| L6    | 623    | (AC or (alternating adj2 current\$1)) and (JTAG or "1149.1" or (boundary adj2 scan adj2 test\$4) or BSC)  | USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2004/11/12 17:23 |
| L7    | 169    | (AC or (alternating adj2 current\$1)) and (JTAG or "1149.1" or (boundary adj2 scan adj2 test\$4) or BSC) and update and shift   | USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2004/11/12 17:23 |
| L8    | 152    | (AC or (alternating adj2 current\$1)) and (JTAG or "1149.1" or (boundary adj2 scan adj2 test\$4) or BSC) and update and shift and multiplex\$4                                | USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2004/11/12 17:24 |
| L9    | 19     | (AC or (alternating adj2 current\$1)) and (JTAG or "1149.1" or (boundary adj2 scan adj2 test\$4) or BSC) and update and shift and multiplex\$4 and synch                      | USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2004/11/12 17:27 |
| L10   | 133    | (AC or (alternating adj2 current\$1)) and (JTAG or "1149.1" or (boundary adj2 scan adj2 test\$4) or BSC) and update and shift and multiplex\$4 and (synch or synchronization) | USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2004/11/12 17:28 |

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| L11 | 59  | (AC or (alternating adj2 current\$1)) and (JTAG or "1149.1" or (boundary adj2 scan adj2 test\$4) or BSC) and update and shift and multiplex\$4 and (synch or synchronization) and (reference adj2 clock\$3)              | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/11/12 17:33 |
| L12 | 59  | (AC or (alternating adj2 current\$1)) and (JTAG or "1149.1" or (boundary adj2 scan adj2 test\$4) or BSC) and update and shift and multiplex\$4 and (synch or synchronization) and (reference adj2 clock\$3) and reset\$4 | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/11/12 17:34 |
| L18 | 93  | update and shift and (synch adj2 signal)   | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/11/12 17:39 |
| L19 | 9   | update and shift and (synch adj2 signal) and ((boundary adj2 scan adj2 tes\$4) or BSC or JTAG)   | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/11/12 17:37 |
| L20 | 0   | update and shift and (synch adj2 signal) and ((boundary adj2 scan adj2 tes\$4) or BSC or JTAG) and (multiplexer or mux)  | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/11/12 17:38 |
| L21 | 0   | update and shift and (synch adj2 signal) and ((boundary adj2 scan adj2 tes\$4) or BSC or JTAG) and (multiplixer or mux)  | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/11/12 17:38 |
| L22 | 8   | update and shift and (synch adj2 signal) and ((boundary adj2 scan adj2 tes\$4) or BSC or JTAG) and ("xor" or exclusive)  | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/11/12 17:40 |
| L23 | 311 | update and shift and ((boundary adj2 scan adj2 tes\$4) or BSC or JTAG) and ("xor" or exclusive)  | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/11/12 17:40 |
| L24 | 15  | ((boundary adj2 scan adj2 tes\$4) or BSC or JTAG) and (("xor" or exclusive) same update same shift)  | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/11/12 17:42 |
| L25 | 15  | ((boundary adj2 scan adj2 tes\$4) or BSC or JTAG or "1149.1") and (("xor" or exclusive) same update same shift)  | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/11/12 17:42 |
| L26 | 14  | ((boundary adj2 scan adj2 tes\$4) or BSC or JTAG or "1149.1") and (("xor" or exclusive) same update same shift) and (AC or (alternat\$4 adj2 current))   | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/11/12 17:43 |